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PTO/SB/05 (05-03)

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 4041K-000146

First Inventor Kenso KANADA et al

Title Method Of Mechanical Processing

Express Mail Label No. EL 623 306 784 US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)  
See 37 CFR 1.27.
2. ☐ Applicant claims small entity status.
3. ☒ Specification  
(preferred arrangement set forth below) [Total Pages 20]  
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure☒ Specification filed in English
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages 3]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☐ Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

Prior application information: Examiner \_\_\_\_\_ of prior application No: \_\_\_\_\_ / \_\_\_\_\_  
Group / Art Unit: \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

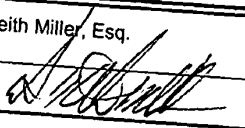
## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

27572

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

|                   |   |  |                                   |              |                    |              |
|-------------------|---|--|-----------------------------------|--------------|--------------------|--------------|
| Name              | Harness, Dickey & Pierce, P.L.C.  |  |                                   |              |                    |              |
| Address           | P.O. Box 828  |  |                                   |              |                    |              |
| City              | Bloomfield Hills  |  | State                             | MI           | Zip Code           | 48303        |
| Country           | United States of America  |  | Telephone                         | 248-641-1600 | Fax                | 248-641-0270 |
| Name (Print/Type) | H. Keith Miller, Esq.   |  | Registration No. (Attorney/Agent) |              | 22,484             |              |
| Signature         |  |  | Date                              |              | September 23, 2003 |              |

03914 U.S. PTO  
10/668703

09/23/03

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**FEE TRANSMITTAL  
for FY 2003**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 790**Complete if Known**

|                      |                    |
|----------------------|--------------------|
| Application Number   | unassigned yet     |
| Filing Date          | September 23 2003  |
| First Named Inventor | Kenso KANADA et al |
| Examiner Name        |                    |
| Group / Art Unit     |                    |
| Attorney Docket No.  | 4041K-000146       |

**METHOD OF PAYMENT (check all that apply)**
☒ Check   ☐ Credit card   ☐ Money Order   ☐ Other   ☐ None
☐ Deposit Account:Deposit  
Account  
Number

08-0750

Deposit  
Account  
Name

Harness, Dickey &amp; Pierce, P.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below   ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity        |          | Small Entity |          | Fee Description        | Fee Paid        |
|---------------------|----------|--------------|----------|------------------------|-----------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |                        |                 |
| 1001                | 750      | 2001         | 375      | Utility filing fee     | 750             |
| 1002                | 330      | 2002         | 165      | Design filing fee      |                 |
| 1003                | 520      | 2003         | 260      | Plant filing fee       |                 |
| 1004                | 750      | 2004         | 375      | Reissue filing fee     |                 |
| 1005                | 160      | 2005         | 80       | Provisional filing fee |                 |
| <b>SUBTOTAL (1)</b> |          |              |          |                        | <b>(\$ 750)</b> |

**2. EXTRA CLAIM FEES**

|                    |   |        |   |   |   |                |   |   |          |
|--------------------|---|--------|---|---|---|----------------|---|---|----------|
| Total Claims       | 2 | -20 ** | = | 0 | X | Fee from below | = | 0 | Fee Paid |
| Independent Claims | 2 | -3 **  | = | 0 | X |                | = | 0 |          |
| Multiple Dependent |   |        |   |   | X |                | = | 0 |          |

| Large Entity        |          | Small Entity |          | Fee Description  | Fee Paid      |
|---------------------|----------|--------------|----------|--|---------------|
| Fee Code            | Fee (\$) | Fee Code     | Fee (\$) |  |               |
| 1202                | 18       | 2202         | 9        | Claims in excess of 20                                     |               |
| 1201                | 84       | 2201         | 42       | Independent claims in excess of 3                          |               |
| 1203                | 280      | 2203         | 140      | Multiple dependent claim, if not paid                      |               |
| 1204                | 84       | 2204         | 42       | ** Reissue independent claims over original patent         |               |
| 1205                | 18       | 2205         | 9        | ** Reissue claims in excess of 20 and over original patent |               |
| <b>SUBTOTAL (2)</b> |          |              |          |  | <b>(\$ 0)</b> |

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Entity |          | Small Entity |          | Fee Description  | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code     | Fee (\$) | Fee Code     | Fee (\$) |  |          |
| 1051         | 130      | 2051         | 65       | Surcharge - late filing fee or oath  |          |
| 1052         | 50       | 2052         | 25       | Surcharge - late provisional filing fee or cover sheet.                    |          |
| 1053         | 130      | 1053         | 130      | Non-English specification  |          |
| 1812         | 2,520    | 1812         | 2,520    | For filing a request for reexamination                                     |          |
| 1804         | 920*     | 1804         | 920*     | Requesting publication of SIR prior to Examiner action                     |          |
| 1805         | 1,840*   | 1805         | 1,840*   | Requesting publication of SIR after Examiner action                        |          |
| 1251         | 110      | 2251         | 55       | Extension for reply within first month                                     |          |
| 1252         | 410      | 2252         | 205      | Extension for reply within second month                                    |          |
| 1253         | 930      | 2253         | 465      | Extension for reply within third month                                     |          |
| 1254         | 1,450    | 2254         | 725      | Extension for reply within fourth month                                    |          |
| 1255         | 1,970    | 2255         | 985      | Extension for reply within fifth month                                     |          |
| 1401         | 320      | 2401         | 160      | Notice of Appeal   |          |
| 1402         | 320      | 2402         | 160      | Filing a brief in support of an appeal                                     |          |
| 1403         | 280      | 2403         | 140      | Request for oral hearing   |          |
| 1451         | 1,510    | 1451         | 1,510    | Petition to institute a public use proceeding                              |          |
| 1452         | 110      | 2452         | 55       | Petition to revive - unavoidable   |          |
| 1453         | 1,300    | 2453         | 650      | Petition to revive - unintentional   |          |
| 1501         | 1,300    | 2501         | 650      | Utility issue fee (or reissue)   |          |
| 1502         | 470      | 2502         | 235      | Design issue fee   |          |
| 1503         | 630      | 2503         | 315      | Plant issue fee  |          |
| 1460         | 130      | 1460         | 130      | Petitions to the Commissioner  |          |
| 1807         | 50       | 1807         | 50       | Processing fee under 37 CFR 1.17 (q)                                       |          |
| 1806         | 180      | 1806         | 180      | Submission of Information Disclosure Stmt                                  |          |
| 8021         | 40       | 8021         | 40       | Recording each patent assignment per property (times number of properties) | 40       |
| 1809         | 750      | 2809         | 375      | Filing a submission after final rejection (37 CFR § 1.129(a))              |          |
| 1810         | 750      | 2810         | 375      | For each additional invention to be examined (37 CFR § 1.129(b))           |          |
| 1801         | 750      | 2801         | 375      | Request for Continued Examination (RCE)                                    |          |
| 1802         | 900      | 1802         | 900      | Request for expedited examination of a design application                  |          |

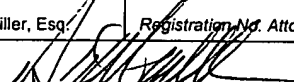
Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**

(\$ 40)

**SUBMITTED BY****Complete (if applicable)**

|                   |   |                                  |        |           |                    |
|-------------------|---|----------------------------------|--------|-----------|--------------------|
| Name (Print/Type) | H. Keith Miller, Esq.   | Registration No. Attorney/Agent) | 22,484 | Telephone | 248-641-1600       |
| Signature         |  |                                  |        | Date      | September 23, 2003 |

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